

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JUNG YUN DO, ET AL.

Application No.:

Filed:

For: **nonlinear optical material with  
nano-sized dendrimer structure**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Utility Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

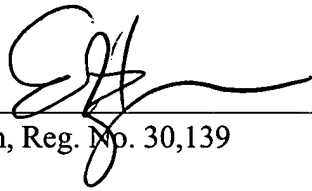
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 10/30/07

  
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Los Angeles, California 90025  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Jung Yun Do
				Art Unit	
				Examiner Name	
				Attorney Docket Number	51876P404
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-4994209	02-19-1991	Okazaki	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		1001519060000	06-24-1998	Korea Electronics &		

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 08/11/2003.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
Sheet	2	of	2	First Named Inventor	Jung Yun Do
				Art Unit	
				Examiner Name	
				Attorney Docket Number	51876P404

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Nonlinear optical materials containing organic chromophores of dendrimer structures: Synthesis and Optical properties, (Photonics Conference 2002, October 30-November 1, 2002)	
		Chem. Mater. 1995, vol. 7, no. 6, pages 1060-1081	
		Ind. Eng. Chem. Res. 1999, vol. 38, no. 1, pages 8-33	

Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

# Information Disclosure Statement

New U.S. Patent Application for  
NONLINEAR OPTICAL MATERIAL  
WITH NANO-SIZED DENDRIMER STRUCTURE  
Our Ref. No.: P03E7003/US/jy

Reference No.:

(1) KR Laid-Open No. 1997-006284

(2) US Patent No. 4,994,209

(3) Synthesis and Processing of Improved Organic Second-Order  
Nonlinear Optical Materials for Applications in Photonics

*(1995 American Chemical Society, Chem. Mater. Vol. 7, No. 6, 1995, Pages 1060-1081)*

(4) Polymeric Electro-optic Modulators: From Chromophore  
Design to Integration with Semiconductor Very large Scale Integration  
Electronics and Silica Fiber Optics

*(1999 American Chemical Society, Ind. Eng. Chem. Res. Vol. 38, No. 1, 1999, Pages 8-33)*